

CLAIMS

Claimed is:

1. A device for coding, transmitting and/or the receiving of non-verbal or emotional signals, therein characterized, in that the non-verbal or emotional signals are sent from an input device (3), which contains at least one sensor (10) for the representation of a touching, a pressure, or a deformation, and that the said signals are received, measured and transmitted over a communications network, such as, for example, a radio network, whereby the addressee possesses a receiving device (3), which translates the said transmitted signals into visually, acoustically and/or mechanically decoded signals.
2. A device in accord with claim 1, therein characterized, in that the input device (3) encompasses touching sensors, pressure sensors (10), optical sensors (16), vibration sensors, thermal sensors and or buttons (5, 6).
3. A device in accord with claim 1 or 2, therein characterized, in that, the input device (3) possesses a touch or pressure sensitive surface, on which a sensor array is ordered, whereby a multiplicity of touching and pressure points are separately accessible.
4. A device in accord with claim 3, therein characterized, in that the input device possesses an evaluation element, with which touching pressures exerted on touching and pressure sensitive surfaces can be individually captured.
5. A device in accord with one of the claims 3 or 4, therein characterized, in that the touching or pressure sensitive surface is designed to be transparent or translucent.
6. A device in accord with one of the claims 1 to 5, therein characterized, in that the receiving device (3) is equipped with display apparatuses for the presentation of various colors, with heating surfaces and/or shaking generators (2).
7. A device in accord with claim 6, therein characterized, in that the display apparatus is designed for the presentation of various colors and/or different degrees of light intensities, whereby the range of the colors and/or the intensity of light is changeable, being dependent upon decoded signals from touching, pressure and/or deformation sensors, whereby advantageously, a change of the contact points on the touching-sensitive surface

acts to bring about a change of the color, that is to say, a change of touching pressure or a change of the intensity of the light.

8. A device in accord with one of the claims 6 or 7, therein characterized, in that the display apparatus possesses a plurality of individually controllable areas, which are designed for the presentation of colors, which differ from one another, and respectively can be activated by the touching of a corresponding area of a touch-sensitive surface.
9. A device, in accord with one of the claims 1 to 8, therein characterized, in that the input device possesses a deformable cushion (9).
10. A device in accord with claim 9, therein characterized, in that the deformable cushion (9) contains, under a flexible or elastic deformable touching surface, at least one optical sensor (16), in particular a photo-resistance, as well as a multiplicity of optically refracting filling bodies, especially spheres, the position of which is changeable by pressure on the touching surface.
11. A device in accord with claims 9 or 10, therein characterized, in that the deformable cushion (9) possesses light sources (11, 12, 13), for instance LEDs, beneath a flexible or elastic deformable touch surface.
12. A device in accord with claim 9, 10 or 11, therein characterized in that light sources (11, 12, 13) with different colors are placed within the cushion (9), which said light sources are individually controlled, that is switchable.
13. A device in accord with one of the claims 1 to 12, therein characterized, in that the receiving device (3) is constructed as a cushion (9), the form of which is changeable, dependent upon decoded signals of pressure or deformation sensors.
14. A device in accord with one of the claims 1 to 13, therein characterized, in that the coded signals can be transmitted as tones or sequence of tones.
15. A device in accord with one of the claims 1 to 13, therein characterized, in that the coded signals are digitalized and are transmitted in a digital form.

16. A device in accord with one of the claims 1 to 15, therein characterized, in that the input device (3) and the receiving device (3) are constructed as entities separate from a telecommunication apparatus, especially a mobile telephone.
17. A device in accord with one of the claims 1 to 16, therein characterized, in that the said device (3) is equipped with an electrical interface, and by means of this interface, can be connected to input and or receiving modules possessing additional sensors.
18. An input module with a sensor and an electrical interface for connection to an apparatus in accord with claim 17.
19. An receiving module with an electrical interface for connection with an apparatus in accord with claim 17.